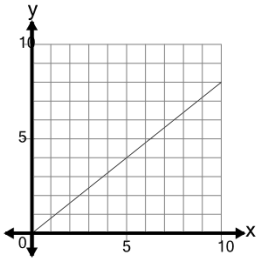
Math worksheet on *'Slope of a Line Through Origin Given Slope - Select Linear Equation Based on Slope (Level 2)'*. Part of a broader unit on *'Line Equations and Graphing - Intro'*

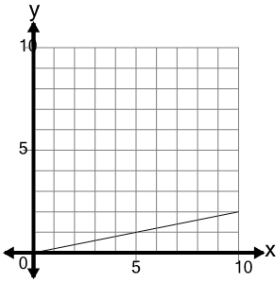
Learn online: app.mobius.academy/math/units/line_equations_and_graphing_intro/

1 Select the equation that would result in the line shown with a slope of 0.8



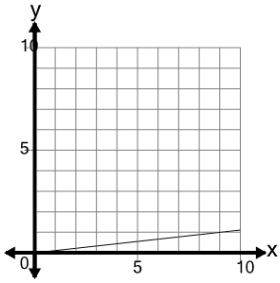
a $y = -0.2x + 1.5$	**b** $y = 0.8x - 1.5$
c $y = 1.3x + 1.5$	**d** $y = 0.3x - 1.5$
e $y = 0.8x$	

2 Select the equation that would result in the line shown with a slope of 0.2



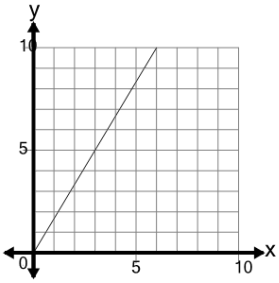
a	$y = 0.2x$
b	$y = -0.2000009214296903$
c	$y = 0.2x - 1.5$
d	$y = 0.7x + 1.5$
e	$y = -0.8x + 1.5$

3 Select the equation that would result in the line shown with a slope of 0.11



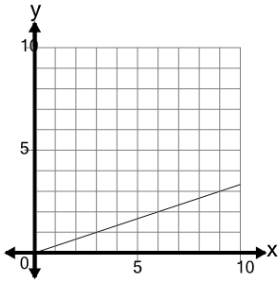
a	$y = -0.89x$
b	$y = -1.39x - 1.5$
c	$y = 0.11x$
d	$y = -0.11111059920572769$

4 Select the equation that would result in the line shown with a slope of 1.67



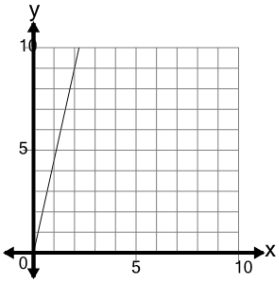
a	$y = 3.17x + 1.5$
b	$y = 2.17x + 1.5$
c	$y = 1.67x$
d	$y = -1.6666589881212903$

5 Select the equation that would result in the line shown with a slope of 0.33



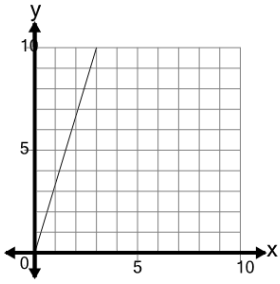
a	$y = 0.33x$
b	$y = 0.83x + 1.5$
c	$y = 0.83x - 1.5$
d	$y = -0.17x - 1.5$
e	$y = 1.83x$

6 Select the equation that would result in the line shown with a slope of 4.5



a	$y = -4.500020732263548$
b	$y = 4x - 1.5$
c	$y = 4x$
d	$y = 5.5x$
e	$y = 4.5x$

7 Select the equation that would result in the line shown with a slope of 3.33



a	$y = 4.33x$
b	$y = 5.33x - 1.5$
c	$y = 1.83x + 1.5$
d	$y = -3.3333435714724486$
e	$y = 3.33x$